

**What is claimed is:**

1. A projector comprising;  
a projection lens for projecting an optical image using a light emitted by a light source;  
an air outlet for exhausting hot air which was used for cooling the light source to the outside; and  
a lens cover for protecting the projection lens; wherein  
the lens cover can be held between the air outlet and the projection lens.
2. The projector according to claim 1, wherein the lens cover can be held at such an angle where hot air exhausted from the air outlet is prevented from running across the light path of a light projected by the projection lens.
3. The projector according to claim 1, wherein the projection lens is located adjacent to the air outlet.
4. The projector according to claim 1, wherein the projection lens is located at the same side where the air outlet is located.
5. The projector according to claim 4, wherein the projection lens and the air outlet are located at the front side of a housing of the projector.
6. The projector according to claim 1, further comprising an exhaust fan for cooling the light source.
7. The projector according to claim 6, wherein the air which was used for cooling the light source is exhausted from the air outlet to the outside of a housing.

8. The projector according to claim 1, wherein the lens cover is arranged to be able to turn relative to a main body of the projector.

9. The projector according to claim 8, wherein the lens cover is arranged vertical to the optical axis of the projection lens for turning movement on the axis between the projection lens and the air outlet.

10. The projector according to claim 1, wherein the lens cover is detachable from a main body of the projector.

11. The projector according to claim 10, wherein  
the lens cover has fitting portions to attach the lens cover to a housing;

the housing has a guide rail of a first type and a guide rail of a second type arranged for allowing the fitting portions to be inserted thereto;

the guide rail of the first type guides the lens cover to a position for covering the front side of the projection lens when the fitting portion is inserted into the guide rail of the first type, and

the guide rail of the second type guides the lens cover to such an position where the hot air exhausted from the air outlet is prevented from running across the light path of a projected light from the projection lens when the fitting portion is inserted into the guide rail of the second type.

12. The projector according to claim 11, wherein the lens cover has a covering portion arranged for covering the uppermost

end of the guide rail of the second type when the fitting portion is inserted into the guide rail of the first type.